

ABSTRACT OF THE DISCLOSURE

5 The present invention relates generally to a newly
identified adaptor protein FRS2 and related products and
methods. FRS2 links protein kinases to activating
partners in cells. The invention also relates to
nucleic acid molecules encoding portions of FRS2,
nucleic acid vectors containing FRS2 related nucleic
10 acid molecules, recombinant cells containing such
nucleic acid vectors, polypeptides purified from such
recombinant cells, antibodies to such polypeptides, and
methods of identifying compounds that enhance or block
FRS2 interactions with natural binding partners. Also
15 disclosed are methods for diagnosing abnormal conditions
in an organism with FRS2 related molecules or compounds.